Level VI

20 Watt Medical Series

Wall Mount Type

USA / Europe / UK

mW20 - 1 X X X Y

O/P Voltage

U : US Plug
E : EU Plug
B : UK Plug

Green Modei

Meet CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan
No Load Power Consumption Less 0.075W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2012 (60601 edition 3.1)
- EMC : IEC60601-1-2 : 2014 (edition 4.0)
- Means of Protection : 2 X MOPP
- Touch Current : < 100μA
  < 10μA (Optional)
- 100 - 240VAC Universal Input
- Single Output to 20W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
mW20-1005-X	5.0V	3.50A	17.50W
mW20-1006-X	5.9V	3.00A	17.70W
mW20-1009-X	9.0V	2.22A	20.00W
mW20-1012-X	12.0V	1.67A	20.00W
mW20-1015-X	15.0V	1.33A	20.00W
mW20-1018-X	18.0V	1.11A	20.00W
mW20-1024-X	24.0V	0.83A	20.00W
mW20-1048-X	48.0V	0.42A	20.00W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.45A-0.3A
Protection	Internal Primary Current Fuse
Configuration	U for US Plug
	E for EU Plug
	B for UK Plug

Output	
Load Regulation	±5% (Typical)
Ripple	2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Safety Approvals
For USA- UL / cUL / FCC / PSE
For Europe & UK - T-mark(TUV) / CE

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA < 10μA (Optional)
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
MTBF	300,000 Calculated Hours at 25ºC , by Telcordia SR-332

Environmental	
Operating Temperature	0 to + 40ºC
Storage Temperature	-20 to + 80ºC
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Case Dimension	U - L 72 × W 34 × H 69(mm)
	E - L 72 × W 34 × H 90(mm)
	B - L 72 × W 50 × H 81(mm)
Weight	U : 148g E : 143g
	B : 158g (Ref.)

The speciication printed on the catalog is for promotion purpose. Please get detailed spec from Sales for final version.
TEL: 866-Eurasia (866-387-2742) - www.EurasiaPower.com